



INTERACTIVE SYSTEMS (CSE573) – WINTER 2024

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INTRODUCTION

In India's bustling cities and crowded towns, NGOs are the unsung heroes tackling big challenges—from fighting poverty and protecting the environment to boosting health and empowering women. But here's the twist: securing donations is tough for these NGOs. And guess what? It's not just them; donors also stumble when trying to lend a hand.

CHALLENGES

DONORS



Complicated User
Experience



No Personalization



Insufficient
Expertise

NGOS



Lack of Funds



Poor Networking



Limited Capacity

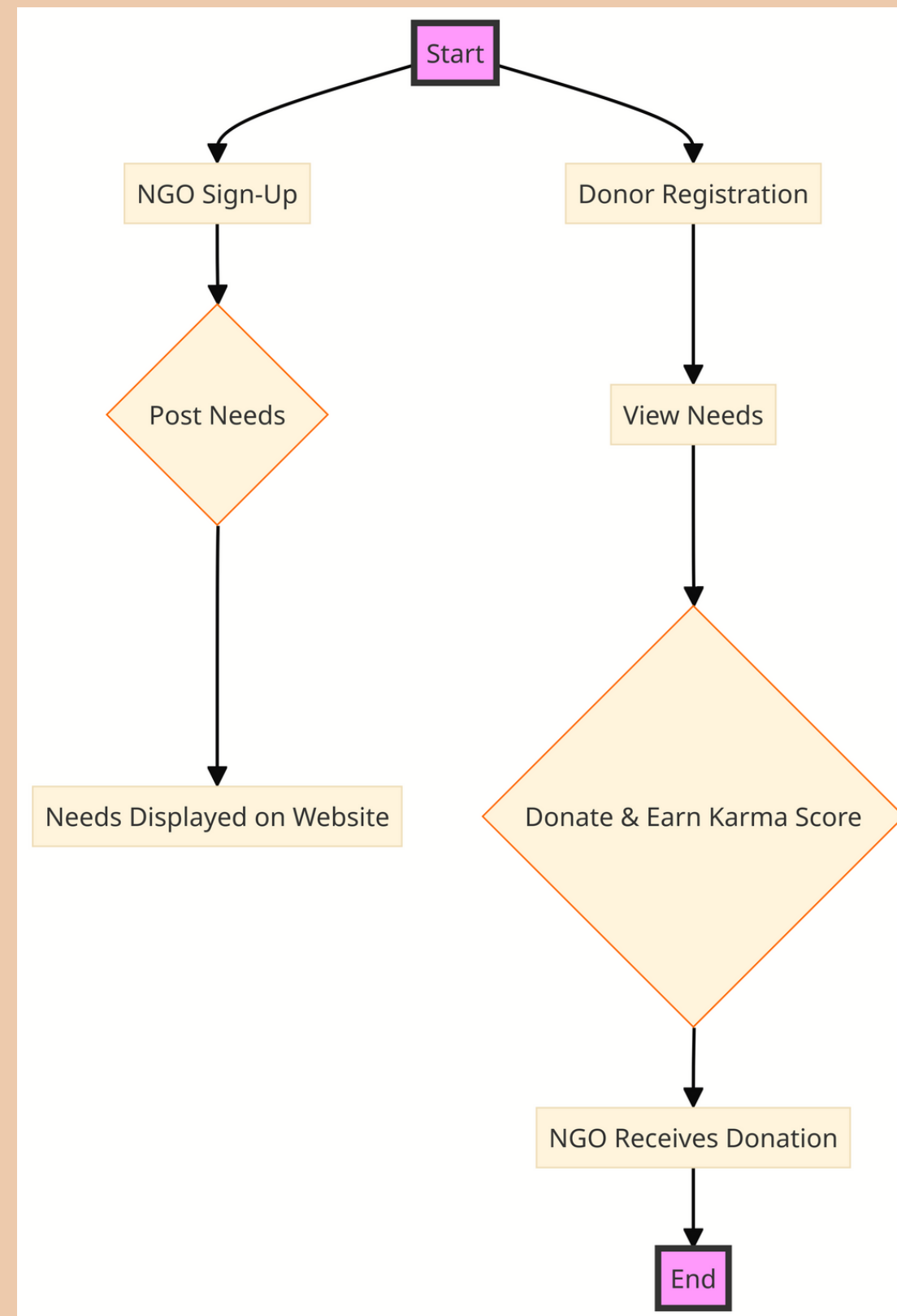


OUR SOLUTION

- To help NGOs overcome challenges and secure donations, and help donors our group aims to develop a website that integrates various NGOs.
- This platform will serve as a reliable bridge between NGOs and donors, facilitating seamless connections and streamlining the donation process.
- In addition to this our proposed website also aims at motivating users to donate by providing users with social credit score.



FUNCTIONALITY OF THE SYSTEM



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- NGO REGISTRATION:

- NGOs will be able to register on the platform . The NGO will be able to post their requirements on the website. They can showcase their projects and can provide detailed information about the goals, initiative, plan of action, number of people associated to it and budget breakups.

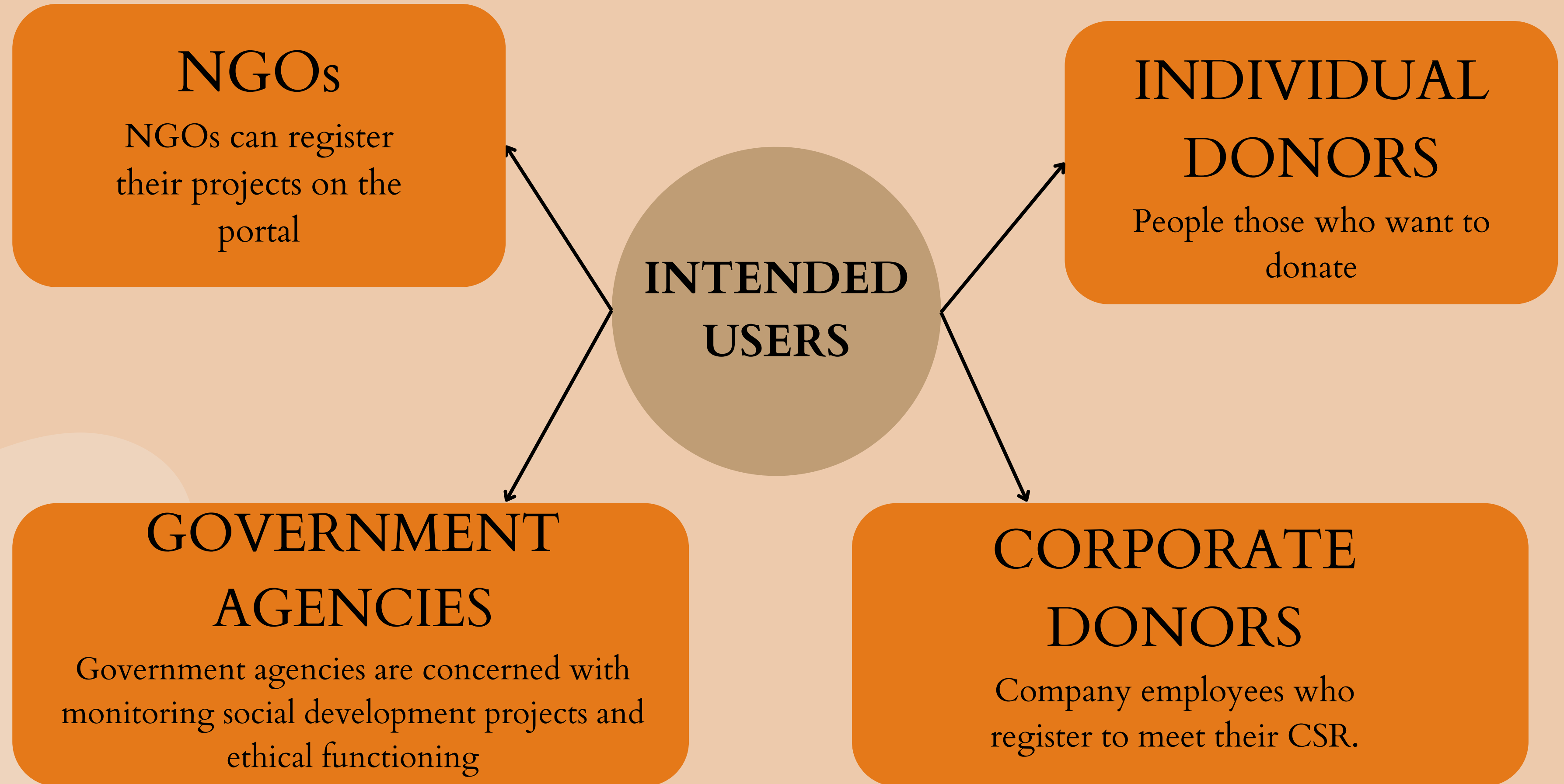
- USER REGISTRATION:

- Users will be able to register and upon registering they will get the list of the registered NGOs. They can view the profile of each NGO and can choose the cause, the project and the NGO in which they wish to donate.

- SOCIAL CREDIT SCORE:

- On each donation users will be provided a Social Credit Score. Users with very high credit score will be eligible for various exclusive offers.





DATA COLLECTION



- **Literature Review:**

- We will do research on various relevant literature through news articles, research papers, journals etc. to identify and add on more relevant features and the challenges involved.

- **Interviews:**

- Our primary mode of data collection would be based on quantitative methods. We will conduct in depth video/audio interviews with nearby NGOs and interested donors and understanding the views of our primary users. (Sample size 15-20)

- **Surveys and Questionnaires:**

- We will do surveys and Questionnaires with the donors to gather more insights and views of the users.

SYSTEM TESTING



- Usability Testing:
 - We plan to conduct task-based usability tests from both user groups. Observe their ability to complete tasks such as posting needs (for NGOs) and making donations (for donors).
- Functional Testing:
 - We plan to use a checklist of all website functions and systematically test them manually
- Prototype Testing:
 - We will make low fidelity prototype and gather feedback at an early stage before development of the website.